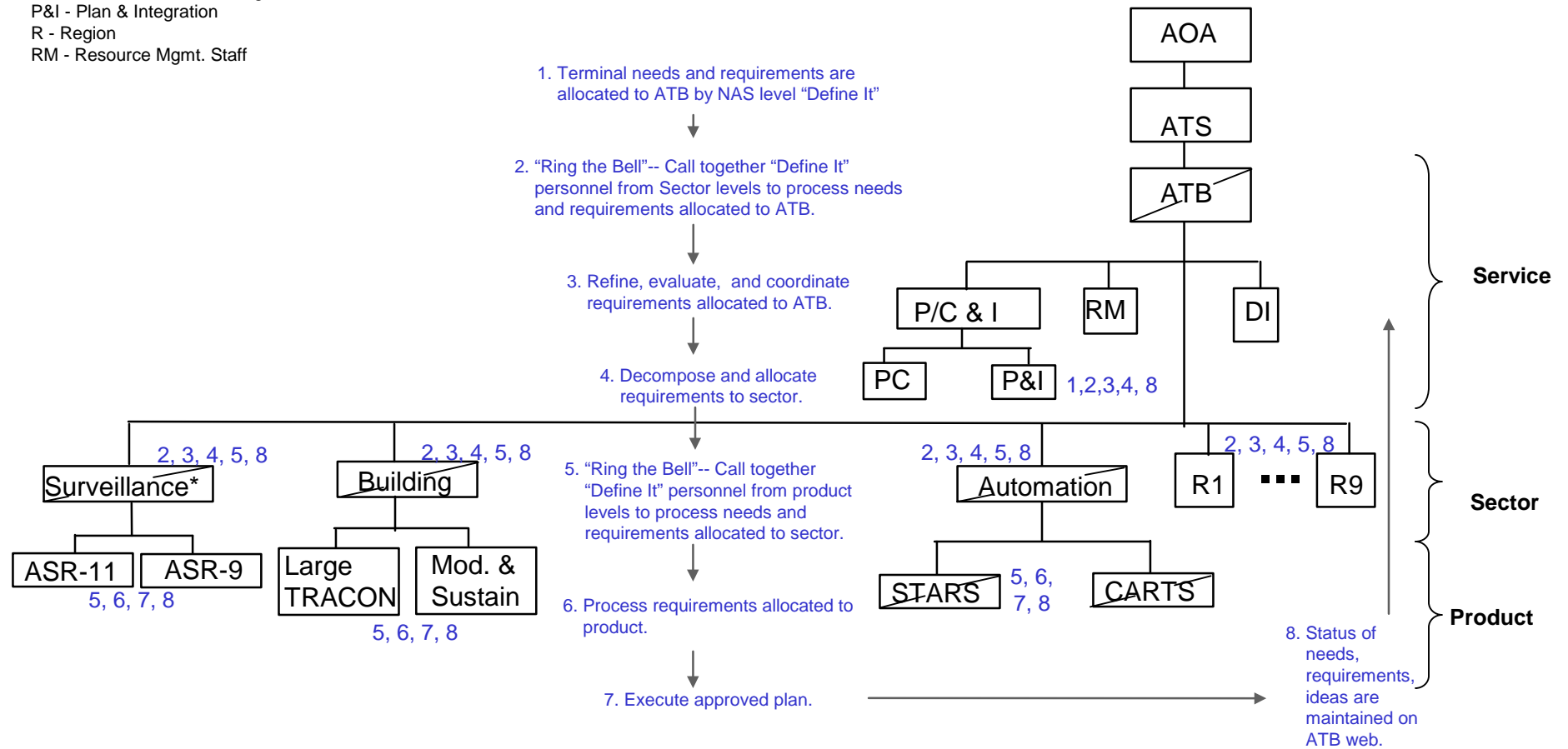


# ATB Define It

## Requirements Pass Down

DI - Deployment Support  
 PC - Program Control  
 P/C & I - Plan/Control & Integration  
 P&I - Plan & Integration  
 R - Region  
 RM - Resource Mgmt. Staff

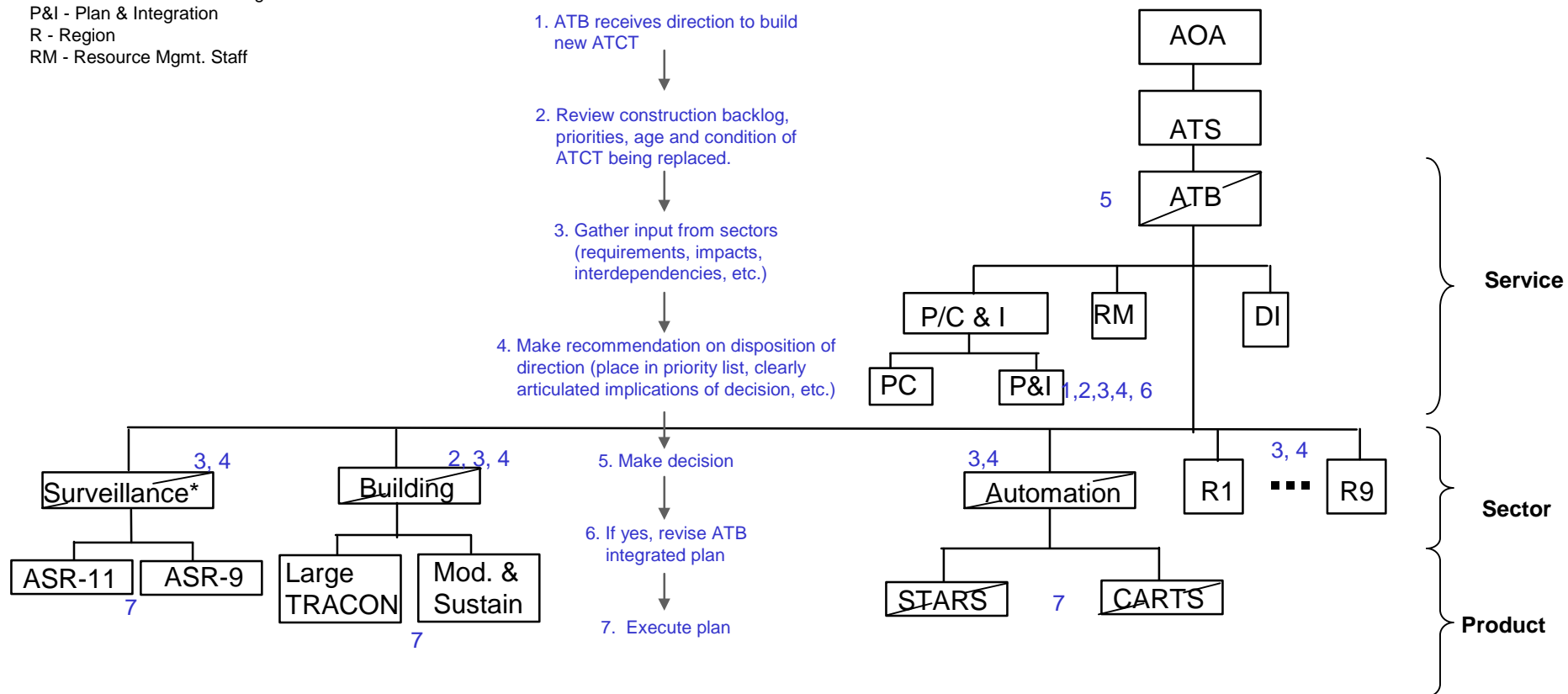


\*Initially - Planning Only

3/15/01

## Scenario 3 - Direction to Build New ATCT

DI - Deployment Support  
 PC - Program Control  
 P/C & I - Plan/Control & Integration  
 P&I - Plan & Integration  
 R - Region  
 RM - Resource Mgmt. Staff



\*Initially - Planning Only

3/15/01

## ATB -Define It (Overview)

<b><u>Previous Process:</u></b> On-going process for duration of ATB	<b><u>Purpose/Definition:</u></b> 1.) To elicit, and analyze customers needs and expectations. 2.)To derive a more detailed and precise set of requirements, and to manage those requirements throughout the service life cycle.	<b><u>Next Process:</u></b> On-going process for duration of ATB
<b><u>Performing Agent(s):</u></b> <ul style="list-style-type: none"> <li>• ATB team with appropriate AT, AF, and union participation</li> </ul>	<b><u>Owner:</u></b> ATB lead  <b><u>Sub-Processes:</u></b>  <ol style="list-style-type: none"> <li>1. Define It - Service Layer</li> <li>2. Define It - Sector Layer</li> <li>3. Define It - Product Layer</li> </ol>	<b><u>Customer(s):</u></b> <ul style="list-style-type: none"> <li>• ATB team</li> <li>• NAS “define it” (eg ASD, ARS, ATP)</li> </ul>
<b><u>Input(s):</u></b>  External to Service <ul style="list-style-type: none"> <li>• FAA goals</li> <li>• Time Phased NAS Architecture</li> <li>• Budget Constraints</li> <li>• NAS Operational Concepts</li> <li>• Service/capability shortfalls &amp; gaps</li> </ul>	<b><u>Note:</u></b> TBD-ATP and other organizational coordination	<b><u>Output(s):</u></b> External to ATB <ul style="list-style-type: none"> <li>• Impact Feedback</li> </ul>
<b><u>Entry Criteria:</u></b> <ul style="list-style-type: none"> <li>• Formation of ATB</li> </ul>	<b><u>Training/Handbooks/Policy:</u></b> AMS, FAST Needs, requirements, investment analysis, and other specialty domain training	<b><u>Exit Criteria:</u></b> <ul style="list-style-type: none"> <li>• ATB shutdown completed</li> </ul>

## 5.0 ATB -Define It - Service Layer

<b><u>Previous Process:</u></b> On-going process for duration of ATB	<b><u>Purpose/Definition:</u></b> 1.) To elicit, analyze and communicate customers needs and expectations. 2.)To derive a more detailed and precise set of requirements, and to manage those requirements throughout the service life cycle.	<b><u>Next Process:</u></b> On-going process for duration of ATB
<b><u>Performing Agent(s):</u></b> <ul style="list-style-type: none"> <li>• ATB staff with sector and AT &amp; AF HQ, and union participation</li> </ul>	<b><u>Owner:</u></b> ATB lead	<b><u>Customer(s):</u></b> <ul style="list-style-type: none"> <li>• ATB team</li> <li>• NAS “define it” staffs (e.g. ASD, ARS, ATP, unions)</li> </ul>
<b><u>Input(s):</u></b> External to service: <ul style="list-style-type: none"> <li>• FAA goals &amp; priorities</li> <li>• Time Phased NAS requirements &amp; arch.</li> <li>• Budget constraints</li> <li>• NAS operational concepts</li> </ul> Internal to service: <ul style="list-style-type: none"> <li>• Service vision, priorities, criteria</li> </ul>	<b><u>Sub-Processes:</u></b> 5.1. Refine requirements allocated to service 5.2. Determine service shortfalls and gaps 5.3. Assess risk 5.4. Derive service architecture structure and requirements 5.5. Determine service evolution 5.6. Assess interdependencies 5.7. Investment Analysis 5.8. Rank order needs based on criteria 5.9. Capture & Baseline Requirements, Architecture and Evolution	<b><u>Output(s):</u></b> External to ATB <ul style="list-style-type: none"> <li>• Impact feedback to NAS</li> </ul> Internal to ATB <ul style="list-style-type: none"> <li>• Requirements allocated to sector</li> <li>• Service architecture, evolution, priorities, risks, etc.</li> <li>• Service priorities, ops cons, arch. &amp; constraints</li> <li>• Service needs, gaps &amp; shortfalls</li> </ul>
<b><u>Entry Criteria:</u></b> <ul style="list-style-type: none"> <li>• Requirement allocated from NAS or improvement potential identified from within service</li> </ul>	<b><u>Training/Handbooks/Policy:</u></b> AMS, FAST Needs, requirements, investment analysis, and other specialty domain training	<b><u>Exit Criteria:</u></b> <ul style="list-style-type: none"> <li>• Decision to proceed</li> </ul>

## ATB - Define It - Service Layer

